

## Preface

Gastón Lefranc Hernández

It is an honor for me to introduce you a list of papers selected from the XVI Congress of ACCA (Asociación Chilena de Control Automático, Chilean Association of Automatic Control), done in Santiago of Chile at the end of 2004, in its 30 years of existence.

Since 1974, ACCA organize Congress (every 2 years), Tutorial Courses for continuing education, Seminars, Workshops, Exposition of Systems and Equipments and our Magazine Automatica and Innovation. All of these activities have results: important influence in all ambits, consolidating to ACCA as a point of meeting of people from industries, from private and public institutions, from the academics world, from suppliers of systems and equipments, and professional from all Latin America . In 1976, ACCA had its first Program Committee to select papers, and its first Proceedings.

This Congress was organized by ACCA, IEEE Chilean Chapter on Control, Robotics and Cybernetics, IFAC and its Technical Committees, and the Universidad de Las Américas, Chile. ACCA is NMO of IFAC since 1984.

ACCA Congress had Keynotes Speakers for Plenary: Dr. François Vernadat from France, Dr. Florin Filip from Romania, Dr. Shimon Nof from USA and Dr. Philippe Dupont, from France. A Round Table was organised to discuss about productivity, interested in Chile and Latin American professionals.

The 46 accepted papers selected by the International Program Committee, were presented in Technical Sessions where new ideas, critical comments, and the beginning of cooperation leading to future projects will take place. The papers come from Argentina, Brazil, Chile, Cuba and México. The International Program Committee selected 10 papers as the best of this Congress, to be published in "International Journal of Computers, Communications & Control". The papers are in areas of artificial intelligence, vision, manufacturing, pattern recognition and robotics.

ACCA wants to say thanks to Dr. Florin Filip to permit to show the activities in Chile and Latin America, oriented to improve and to solve our own problems.

It is pleasure to introduce you to this Special Issue Conference dedicated to ACCA in its 30 years.

Gastón Lefranc Hernández  
Chairman of International Program Committee  
XVI Congress of ACCA  
Guest Editor of this Issue